

SECTION 10211  
METAL WALL LOUVERS

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Exterior wall louver assemblies with bird screens.

1.2 QUALITY ASSURANCE

- A. Use products of a company specializing in the manufacture of ACMA certified louvers.

1.3 SUBMITTALS

- A. Submit the following in accordance with the requirements of Section 01300.
  - 1. Catalog data describing materials and finish, and product criteria.
  - 2. Manufacturer's installation instructions.
  - 3. Samples or color charts of standard colors for metal and screen.
  - 4. Shop drawings indicating component details, framed openings, bearing, and anchor location of fasteners and accessories.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Dowco Corporation
- B. Construction Specialties, Inc.
- C. Industrial Louvers, Inc.

2.2 MATERIALS

- A. Use aluminum conforming to ASTM B221, 6063-T5 extruded alloy, prefinished with mill applied standard factory paint finish.
- B. Use bird screen made of interwoven wire mesh of aluminum, 5/8 inch open weave.

2.3 ACCESSORIES

- A. Use flashings of same material as louver frame.
- B. Use sealants as specified in Section 07900.

2.4 FABRICATION

- A. Fabricate with frame depth of 6 inches.
- B. Provide louvers of sizes indicated on the Drawings.
- C. Fabricate blades with 45 degree hook profile.

## 2.5 FINISHES

- A. Use approved finish and colors for exterior and interior metal surfaces and screens.

## PART 3 EXECUTION

### 3.1 INSPECTION

- A. Verify that prepared openings and flashings are ready to receive work, and openings are as indicated on shop drawings.
- B. Beginning of installation indicates acceptance of existing conditions.

### 3.2 INSTALLATION

- A. Install louver in accordance with manufacturer's installation instructions.
- B. Install louvers level and plumb.
- C. Secure louvers in opening with fasteners that are removable for maintenance purposes.
- D. Install flashings and align louver assembly to ensure moisture shed from flashings and diversion of moisture to the exterior.
- E. Install bird screen to interior of louver, removable for access.
- F. Install perimeter sealant in accordance with Section 07900.

END OF SECTION